



RETA ENGINEERING
WORKS

RETA ENGINEERING WORKS



We, RETA ENGINEERING is a leading Engineering House engaged in designing and manufacturing of **ATMOSPHERIC & PRESSURE VESSELS** with **AGITATOR** and **HEAT EXCHANGER** for **CHEMICAL, PAINT, PHARMA, LUBRICANT, PERSONAL & HOME CARE PRODUCT, LIQUOR** and **OTHER** industries.

We have our own designing, manufacturing and QC Cell, served by qualified Engineers in their respective field.



QUALITY CONTROLLING

- Testing raw material at NABL accredited Laboratories.
- Preparing WPS and POR for Welding Qualification
- Testing Pressure part by means of Hydraulic & pneumatic Device.
- Balancing of impeller and checking Shaft run out by special design fixture.
- Preparing Technical Documents for equipment validation.

REACTION VESSEL



Type: Cylindrical & Vertical having Torispherical, Ellipsoidal, Hemispherical or Conical head,

Capacity: 100 Lts. to 30000Lts.

Design Pressure: Full Vacuumed to 12 bar

Design Temp: (-) 10 to (+) 250°C

Heating/ Cooling arrangement: Jacket/ Limpet Coil/ Internal Coil

Support: Lug/ Leg

Agitator:

Type - Anchor/ Semi Anchor/ PBT/ Closed Vanes

Motion - Rotary

Speed - 10 to 150 RPM

Drive - 440V, 50Hz, AC, IE2 OR IE3 Series, FLP or NFLP Motor.

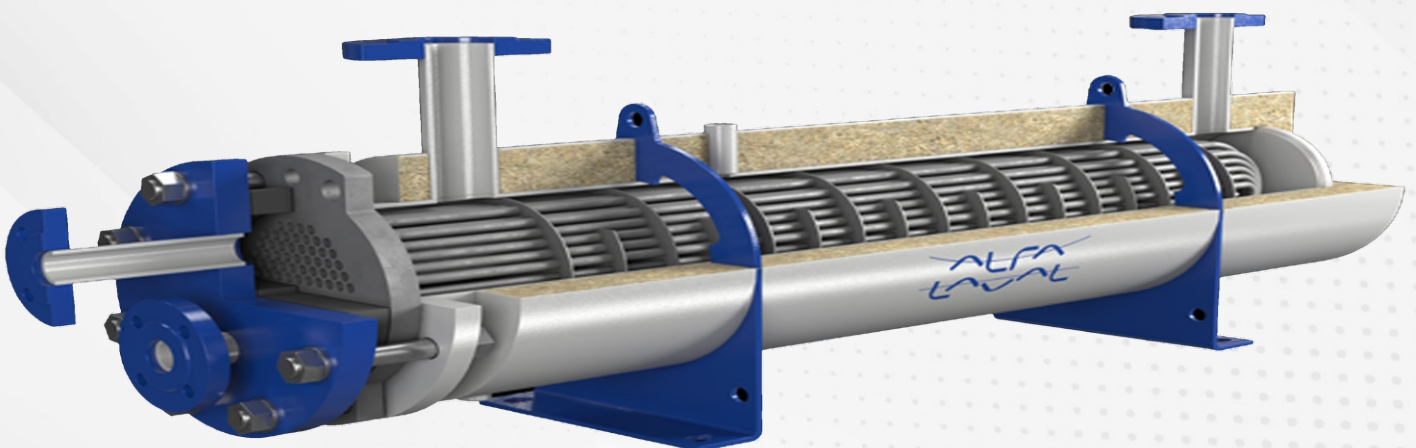
Speed Reducer - Inline Helical/ Bevel Helical or Parallel Helical Gear Box.

Seal - Lip Seal/ Packing Seal with Stuffing Box/ Mechanical seal.

Accessories:

- Vapour Column
- HEAT EXCHANGER
- Reflux unit
- Receiver
- Gas Induction arrangement

HEAT EXCHANGER



OUR PRODUCT

Design Pressure: Atmospheric or FV to 12 bar
Design Temp: Ambient or (-) 10 to (+) 250°C
Heating/ Cooling arrangement: Jacket/ limpet Coil/
Internal Coil
Support: Lug/ Leg



MIXING VESSEL



OUR PRODUCT



Type: Cylindrical & Vertical or Horizontal having Torispherical, Conical or Flat head.

Capacity: 100 Lts. to 1,00,000 Lts.

Design Temp: 100°C

Heating/ Cooling arrangement: Jacket/ Limpet Coil/ Internal Coil

Support: Lug/ Leg/ Skirt/ Pedestal/ Saddle

Accessories:

Heating or Cooling Coil to maintain Product temperature

Top Riling and Ladder with safety cage fir higher capacity



OUR PRODUCT

FIXED BED REACTOR





Bag House

Tray Coloums

Nutch Filters

Chimneys

Ribbon Blender



RETA ENGINEERING
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OUR CLIENTS



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